



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

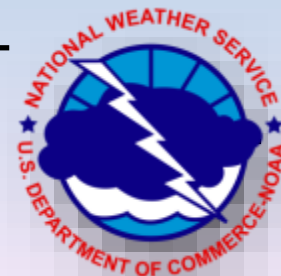
Wednesday, July 5, 2017

Issued: 0800 CT

**Day 1 Hazards:** Isolated strong to severe thunderstorms possible for north TX into AR/SE OK/N LA.

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Andrew Moulton  
817-978-1100 x 147**

# Key Points



## Today

- Isolated strong to severe thunderstorms possible across N TX/AR/SE OK/N LA

## Thursday - Saturday

- Several rounds of thunderstorms in addition to previous heavy rains over NE TX/SE OK could lead to rivers in the area to crest in moderate flood stage the second half of the work week. Rivers in this area are forecasted to recede back to near normal levels by the end of the work week or over the weekend.

## Tropical Weather Outlook

- A tropical wave in the eastern Atlantic has a high chance (80%) of tropical cyclone formation in the next 5 days
- No impacts to FEMA Region 6 in the next 5 days

# \*FEMA Region 6 Threat Matrix

Jul 5, 2017 - Jul 9, 2017

	WED	THU	FRI	SAT	SUN
Severe Weather	N TX/ AR/N LA				
Heavy Rain / Flash Flooding	NE TX/S&E AR/ SE OK				
Heat					
River Flooding	S LA	S LA	S LA	S LA	S LA
	SE OK/NE TX	SE OK/NE TX	SE OK	SE OK	
Tropical Weather					

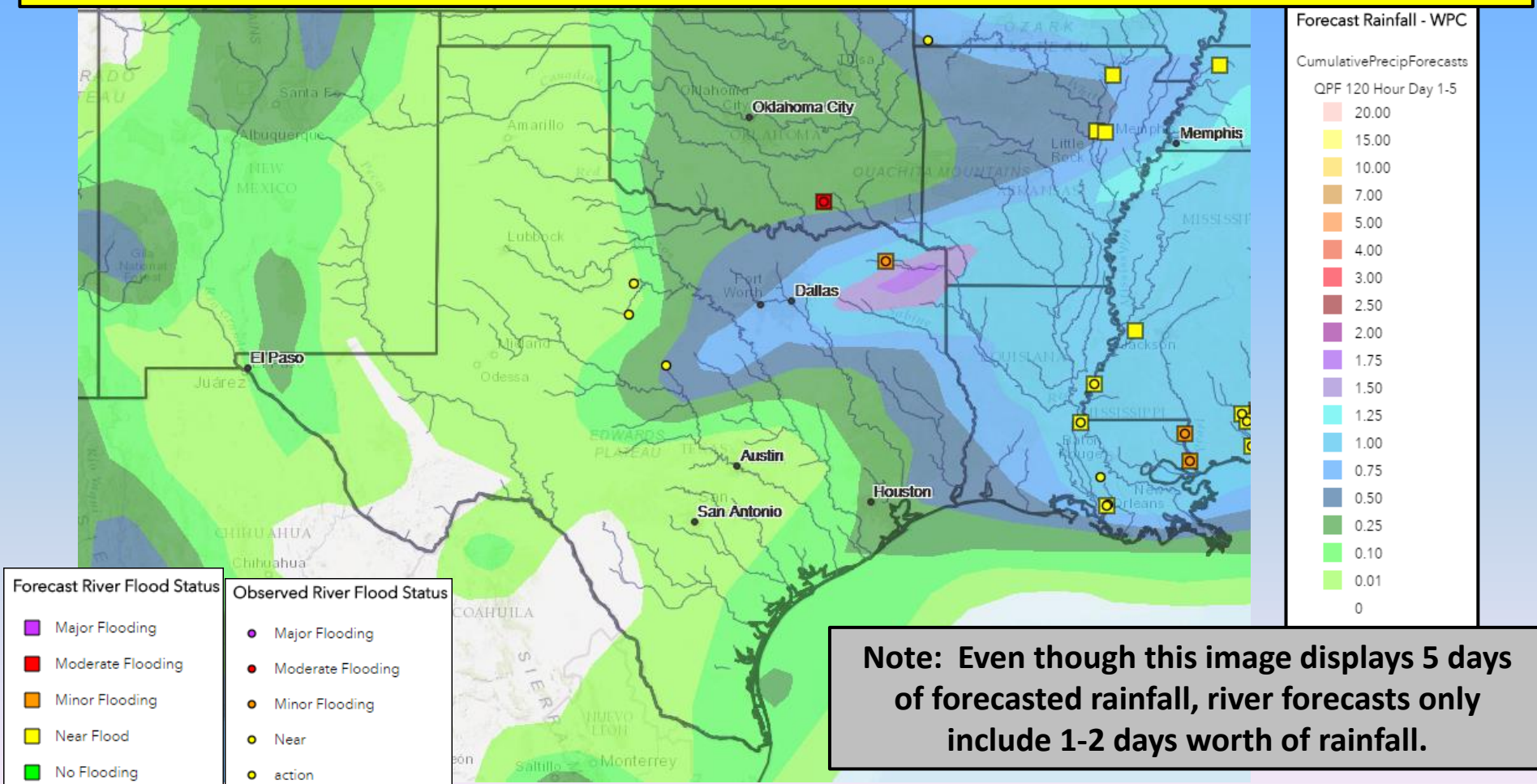
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



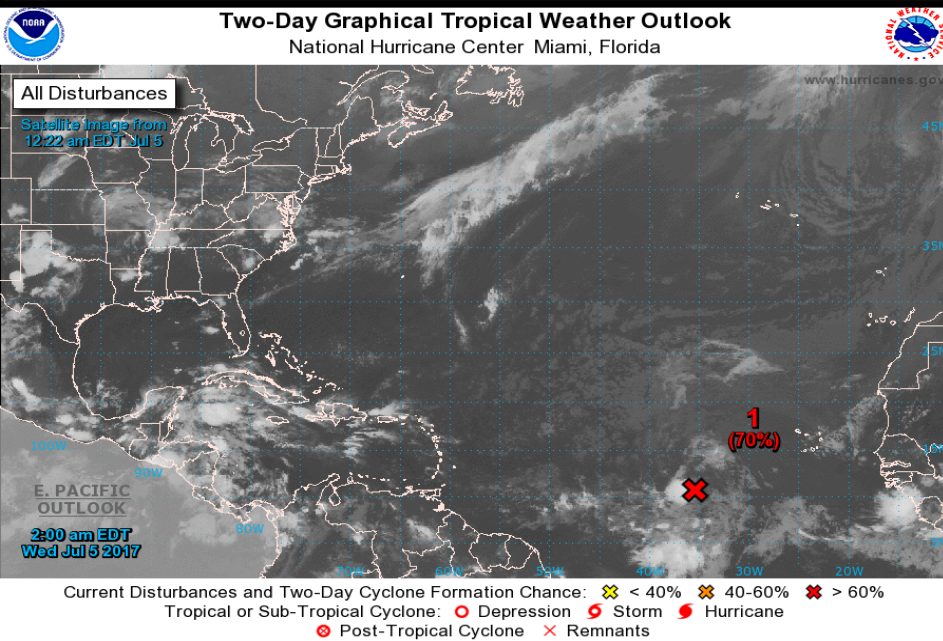
# 5-Day Precipitation Forecast & River Flood Status

- Additional thunderstorms may add to the already heavy rainfall over NE TX/SE OK today. Rivers in the area could crest in the moderate flood stage the second half of this week. Rivers are forecasted to recede to near normal levels by the end of the week/weekend
- Minor flooding will continue over southern LA for the next several days as rivers slowly recede.



For the latest on river flooding: <http://water.weather.gov/ahps>

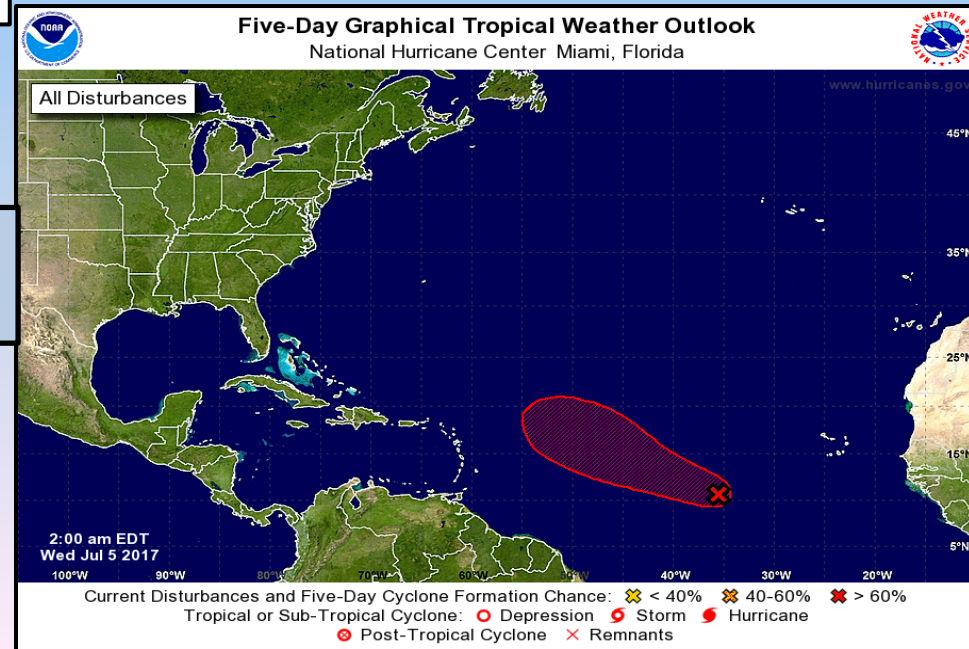
# Tropical Weather Outlook



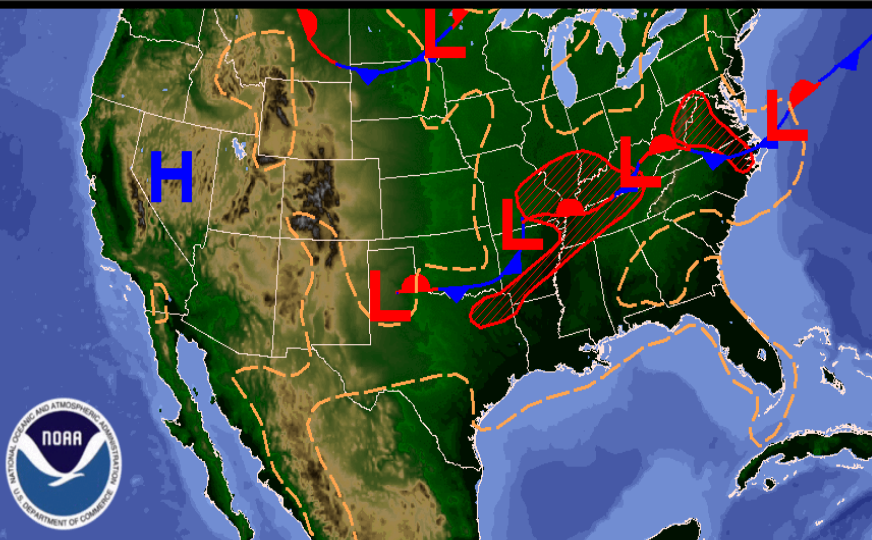
Disorganized showers and thunderstorms continue in association with a tropical wave located about 800 miles west-southwest of the Cabo Verde Islands. Environmental conditions are expected to be favorable for development of this system during the next several days while it moves generally westward at about 15 mph. As this storm continues to move westward it will likely encounter drier/more stable air, which should be less favorable for development.

- Formation chance through 48 hours ... 70%
- Formation chance through 5 days ... 80%

No impacts to FEMA Region 6 in the next 5 days.



# Today's Weather

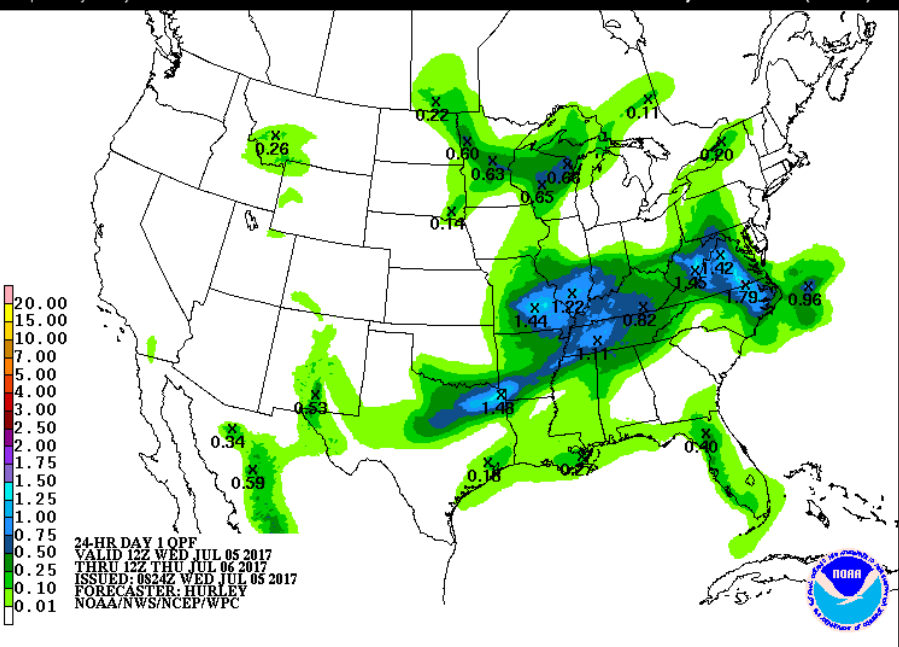


Day 1 National Forecast Chart

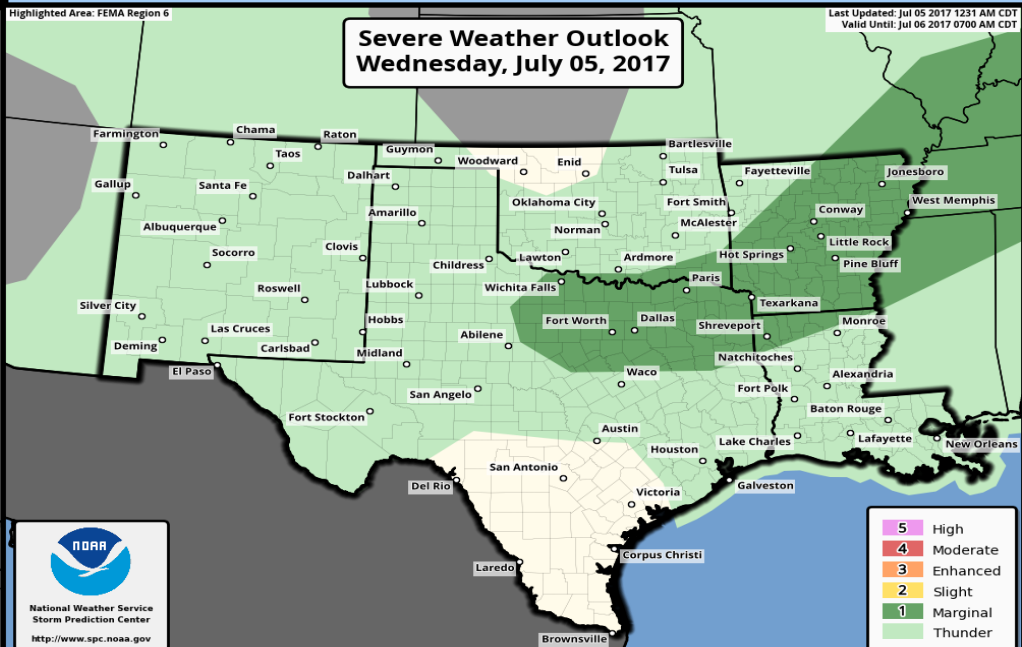
Valid Wed, Jul 05, 2017, issued 4:42 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Moreynolds with WPC/SPC/NHC forecasts

Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)

Isolated strong to severe thunderstorms possible over N TX/AR/SE OK/N LA. Damaging winds/hail and isolated heavy rain/flash flooding are the primary threats. Very low tornado threat.



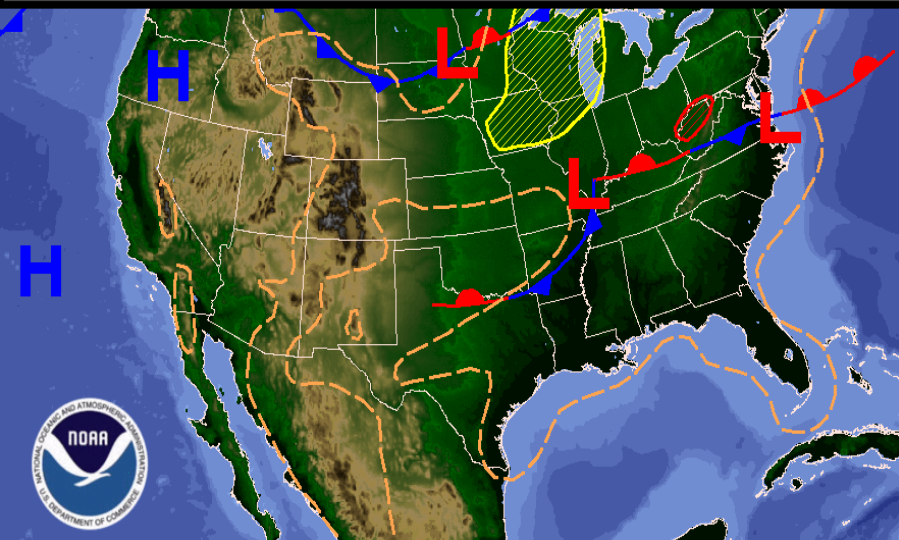
24-HR DAY 1 O/PF  
 VALID 12Z WED JUL 05 2017  
 THRU 12Z THU JUL 06 2017  
 ISSUED: 06:42Z WED JUL 05 2017  
 FORECASTER: HURLEY  
 NOAA/NWS/NCEP/WPC



Severe Weather Outlook  
 Wednesday, July 05, 2017

Last Updated: Jul 05 2017 12:31 AM CDT  
 Valid Until: Jul 06 2017 07:00 AM CDT

# Tomorrow's Weather

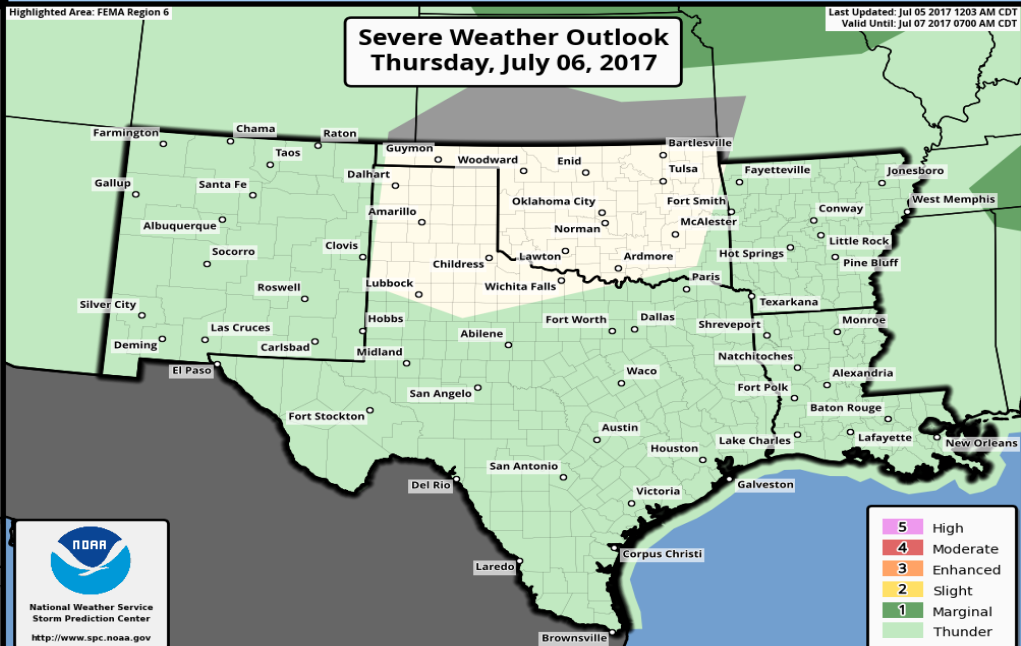
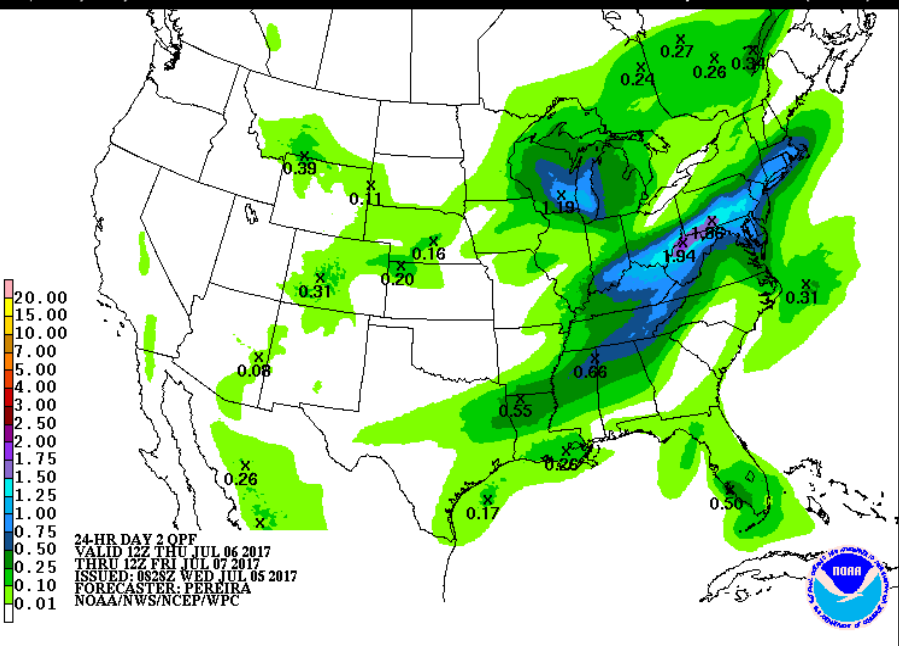


No significant weather impacts expected.

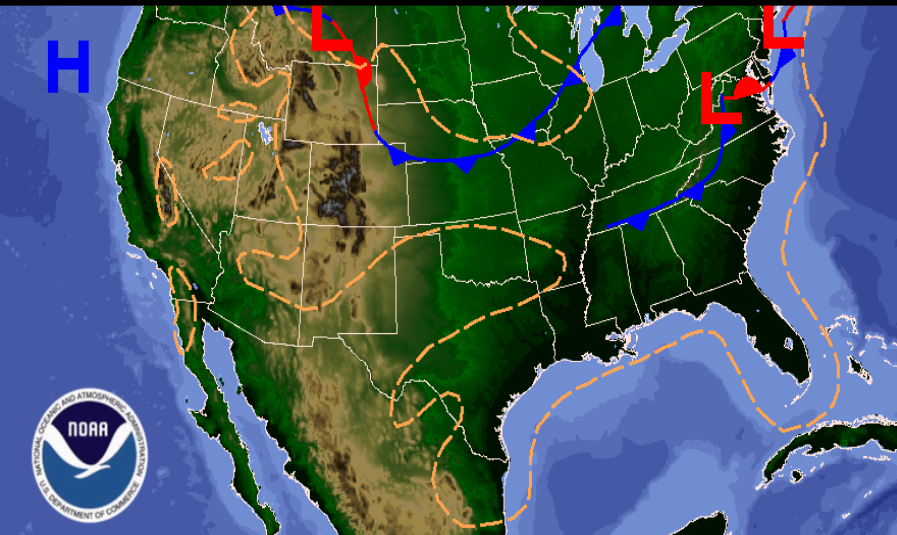
## Day 2 National Forecast Chart

Valid Thu, Jul 06, 2017, issued 4:46 AM EDT Wed, Jul 05, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)



# Friday's Weather

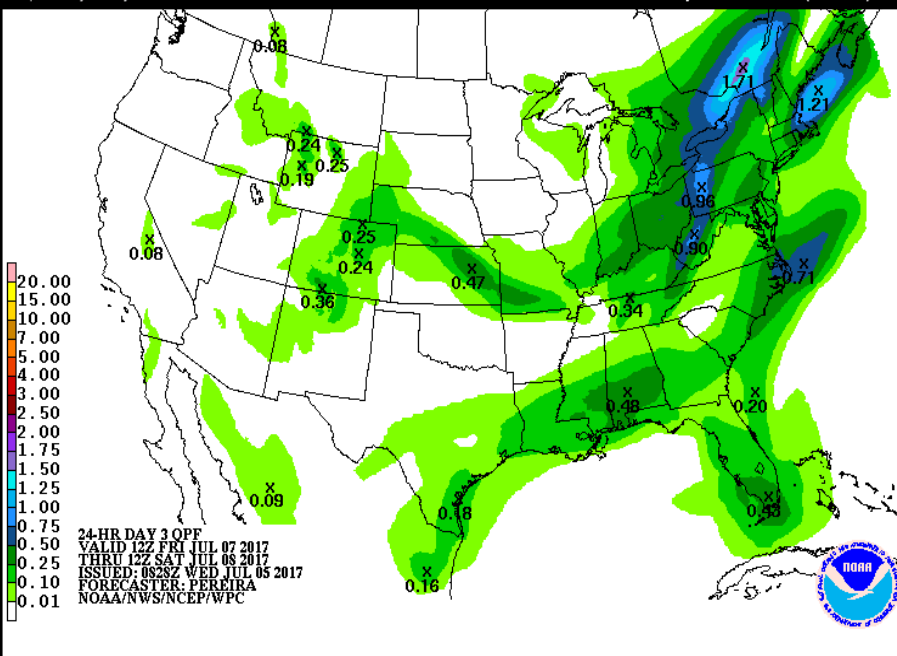


No significant weather impacts expected.

## Day 3 National Forecast Chart

Valid Fri, Jul 07, 2017, issued 4:48 AM EDT Wed, Jul 05, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McReynolds with WPC/SPC/NHC forecasts

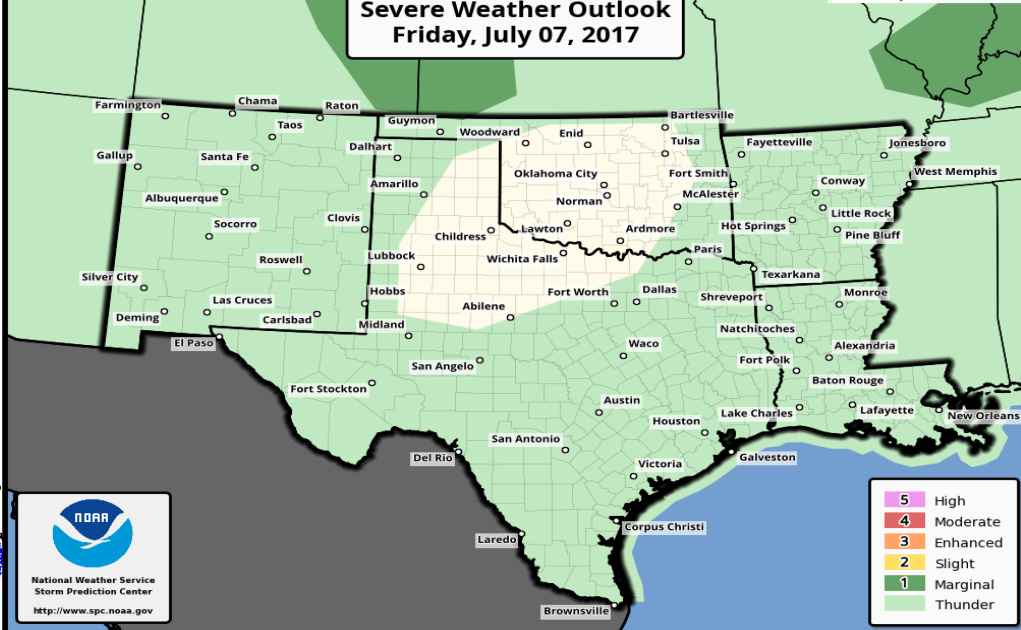
Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)



Highlighted Area: FEMA Region 6

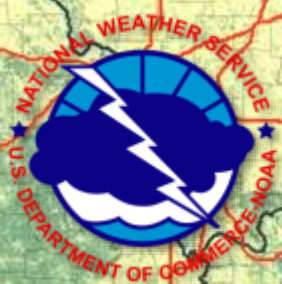
## Severe Weather Outlook Friday, July 07, 2017

Last Updated: Jul 05 2017 0226 AM CDT  
Valid Until: Jul 08 2017 0700 AM CDT









# Day 4-5 Weather Hazards

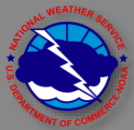
Valid: 0800 Sat - 0800 Mon



**No significant weather impacts expected.**

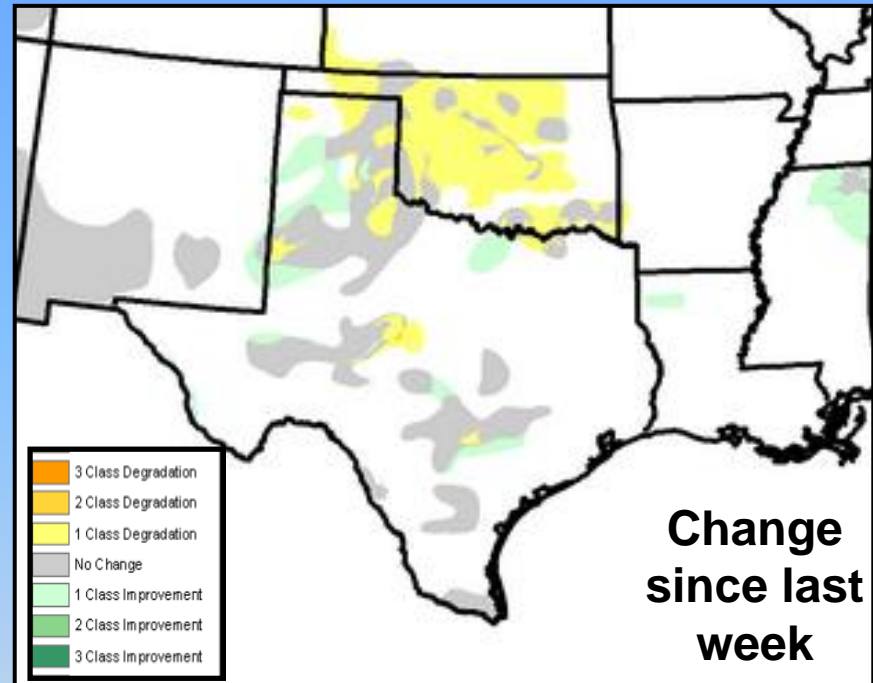
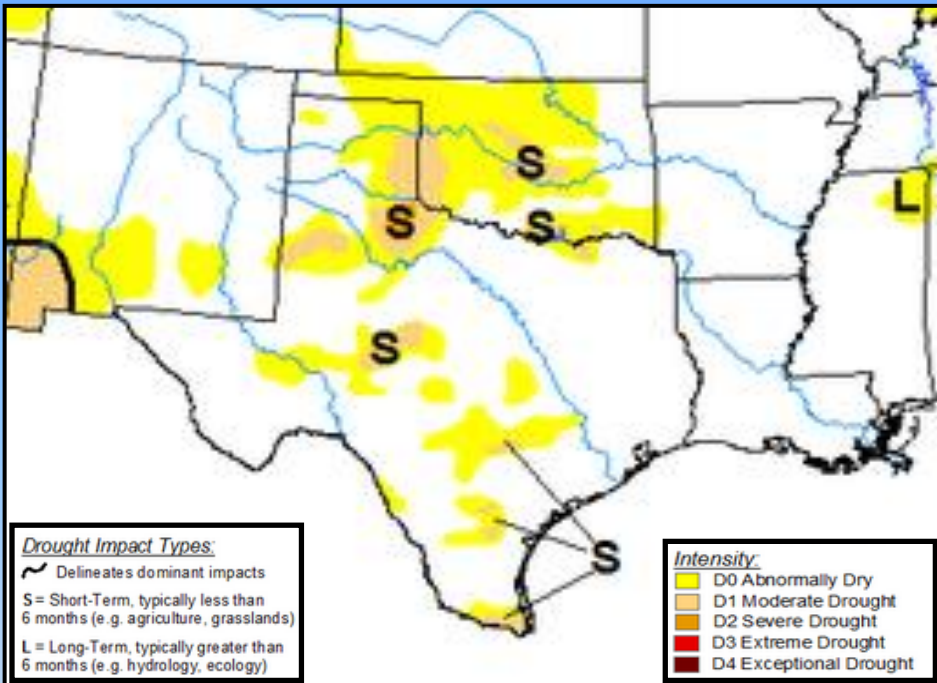
	No Weather Threats Expected
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\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



# Drought Monitor Released June 29, 2017

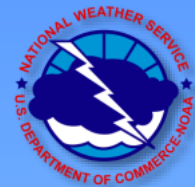
Data valid as of 7am CST, Tuesday, June 27, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	2.99%	0.00%
Arkansas	0.00%	0.00%	2.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

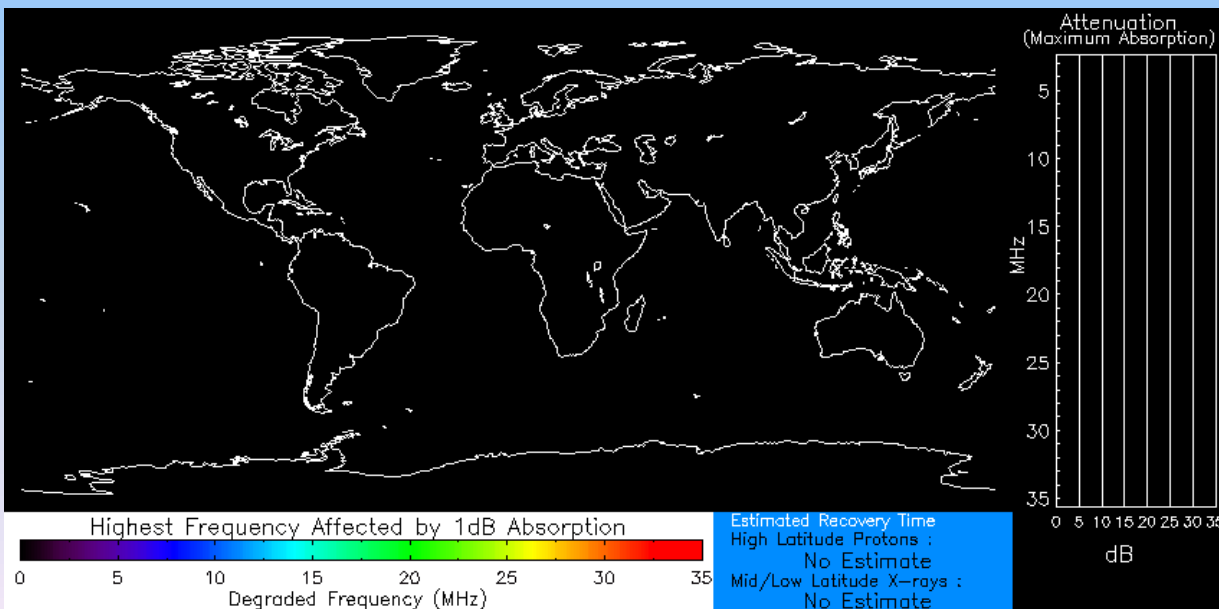
# Space Weather 3-Day Forecast



	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal Proton Background  
NOAA/SWPC Boulder, CO USA



Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

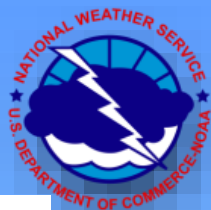
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<https://www.facebook.com/NWSSouthern>

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# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>